

Applicant: EBERLE *et al.*  
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This listing of claims will replace all prior versions and listings of claims in the Application.

**LISTING OF CLAIMS:**

Claims 1-26. (cancelled)

27. (Currently Amended) A system for providing service output information to a subscriber of a service, comprising:

~~service processing means for processing at least one service to identify service output information;~~

service subscription means for enabling at least one subscriber to subscribe to ~~the~~ at least one service that can output personalized information, and for enabling the at least one user to specify preferences for the content and presentation of service output information, as well as delivery parameters for receiving service output information, the delivery parameters including at least one device to which service output information is to be delivered, and delivery instructions based on a detected recipient;

service processing means for processing the least one service to generate service output information personalized for the at least one subscriber;

communication means for ~~attempting to establish~~ establishing communication with the at least one device;

detection means for detecting a recipient of the communication; and

delivery means for delivering service output information based on the detected recipient and the delivery instructions.

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28. (Previously Presented) The system of claim 27, wherein the at least one service is processed when a delivery condition has been met.

29. (Previously Presented) The system of claim 28, wherein the delivery condition comprises at least one of a predetermined schedule, or a triggering event.

30. (Previously Presented) The system of claim 28, wherein the delivery condition is specified by at least one of a subscriber, or an administrator.

31. (Previously Presented) The system of claim 27, wherein the service output information comprises information derived from an on-line analytical processing (OLAP) system.

32. (Previously Presented) The system of claim 27, wherein the service output information comprises at least one of static text messages, dynamic content, blended content, sound clips, music, or advertisements.

33. (Previously Presented) The system of claim 27, wherein the at least one device comprises a voice-enabled terminal device.

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34. (Previously Presented) The system of claim 27, wherein the at least one device comprises a voice-enabled terminal device, and the detected recipient comprises a person.

35. (Previously Presented) The system of claim 34, wherein the person is queried for validation information.

36. (Currently Amended) The system of claim 35, ~~wherein the~~ further comprising means for receiving validation information is provided by at least one of voice input, or keypad input.

37. (Previously Presented) The system of claim 27, wherein the at least one device comprises a voice-enabled terminal device, and the detected recipient comprises a machine.

38. (Previously Presented) The system of claim 37, wherein the machine comprises at least one of an answering machine, facsimile machine, or modem.

39. (cancelled)

40. (Previously Presented) The system of claim 27, wherein the delivery instructions enable the content of the service output information to be differentiated according to whether the detected recipient comprises a person or a machine.

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41. (Previously Presented) The system of claim 40, wherein the content of the service output information to be provided when the detected recipient comprises a machine is reduced from the content of the service output information to be provided when the detected recipient comprises a person.

42. (Previously Presented) The system of claim 40, wherein the content of the service output information to be provided when the detected recipient comprises a machine is a message indicating that service output information intended for the at least one subscriber is available.

43. (Previously Presented) The system of claim 27, wherein the communication means comprises a call server for establishing communication with the at least one device by initiating a telephone call.

44. (Previously Presented) The system of claim 43, wherein the detection means comprises a detection module, the detection module sensing a state of a call pickup sequence of the telephone call.

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45. (Previously Presented) The system of claim 44, wherein the state of a call pickup sequence comprises a plurality of possible states, and each of the possible states of the call pickup sequence is associated with a detected recipient and the delivery instructions for the detected recipient.

46. (Previously Presented) The system of claim 45, wherein the detection module further comprises a tone detection module, and each tone detected by the tone detection module is associated with at least one of the plurality of possible states.

47. (Previously Presented) The system of claim 46, wherein the tone detection module senses at least one of an answering machine tone, a facsimile machine tone, or a modem tone.

48. (Previously Presented) The system of claim 47, wherein the state of the call pickup sequence comprises at least one of receipt by a person, receipt by an answering machine, receipt by a facsimile machine, or receipt by a modem.

49. (Previously Presented) The system of claim 45, further comprising an interface to an authorization database, the authorization database storing entries associating each of the plurality of possible states with the corresponding detected recipient and the delivery instructions for the detected recipient.

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50. (Previously Presented) The system of claim 49, wherein the association between the plurality of possible states and the corresponding detected recipients can be altered by at least one of an administrator, or a subscriber.

51. (Previously Presented) The system of claim 49, wherein the telephone call is aborted when the state of the call pickup sequence does not meet at least a minimum authorization criterion stored in the authorization database.

52-53. (cancelled)

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54. (Currently Amended) A method for providing service output information to a subscriber of a service, comprising ~~the steps of~~:

~~(a) — processing at least one service to identify service output information;~~

~~(b)~~ enabling at least one subscriber to subscribe to ~~the~~ at least one service that can output personalized information, and to specify preferences for the content and presentation of service output information, as well as delivery parameters for receiving service output information, the delivery parameters including at least one device to which service output information is to be delivered, and delivery instructions based on a detected recipient;

processing the at least one service to generate service output information personalized for the at least one subscriber;

~~(c)~~ establishing communication with the at least one device;

~~(d)~~ detecting a recipient of the communication; and

~~(e)~~ delivering service output information based on the detected recipient and the delivery instructions.

55. (Previously Presented) The method of claim 54, wherein the at least one service is processed when a delivery condition has been met.

56. (Previously Presented) The method of claim 55, wherein the delivery condition comprises at least one of a predetermined schedule, or a triggering event.

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57. (Previously Presented) The method of claim 55, wherein the delivery condition is specified by at least one of a subscriber, or an administrator.

58. (Previously Presented) The method of claim 54, wherein the service output information comprises information derived from an on-line analytical processing (OLAP) system.

59. (Previously Presented) The method of claim 54, wherein the service output information comprises at least one of static text messages, dynamic content, blended content, sound clips, music, or advertisements.

60. (Previously Presented) The method of claim 54, wherein the at least one device comprises a voice-enabled terminal device.

61. (Previously Presented) The method of claim 54, wherein the at least one device comprises a voice-enabled terminal device, and the detected recipient comprises a person.

62. (Currently Amended) The method of claim 61, further comprising ~~the step of~~ querying the person for validation information.



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63. (Currently Amended) The method of claim 62, further comprising ~~the step of~~  
~~providing the~~ receiving validation information provided by at least one of voice input, or  
keypad input.

64. (Previously Presented) The method of claim 54, wherein the at least one device  
comprises a voice-enabled terminal device, and the detected recipient comprises a machine.

65. (Previously Presented) The method of claim 64, wherein the machine comprises at  
least one of an answering machine, facsimile machine, or modem.

66. (cancelled)

67. (Previously Presented) The method of claim 54, wherein the delivery instructions  
enable the content of the service output information to be differentiated according to  
whether the detected recipient comprises a person or a machine.

68. (Previously Presented) The method of claim 67, wherein the content of the service  
output information to be provided when the detected recipient comprises a machine is  
reduced from the content of the service output information to be provided when the  
detected recipient comprises a person.

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69. (Previously Presented) The method of claim 67, wherein the content of the service output information to be provided when the detected recipient comprises a machine is a message indicating that service output information intended for the at least one subscriber is available.

70. (Currently Amended) The method of claim 54, wherein ~~the step of~~ establishing communication further comprises a call server initiating a telephone call with the at least one device.

71. (Currently Amended) The method of claim 70, wherein ~~the step of~~ detecting a recipient further comprises a detection module sensing a state of a call pickup sequence of the telephone call.

72. (Previously Presented) The method of claim 71, wherein the state of a call pickup sequence comprises a plurality of possible states, and each of the possible states of the call pickup sequence is associated with a detected recipient and the delivery instructions for the detected recipient.

73. (Previously Presented) The method of claim 72, wherein the detection module further comprises a tone detection module, and each tone detected by the tone detection module is associated with at least one of the plurality of possible states.

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74. (Previously Presented) The method of claim 73, wherein the tone detection module senses at least one of an answering machine tone, a facsimile machine tone, or a modem tone.

75. (Previously Presented) The method of claim 74, wherein the state of the call pickup sequence comprises at least one of receipt by a person, receipt by an answering machine, receipt by a facsimile machine, or receipt by a modem.

76. (Currently Amended) The method of claim 72, further comprising:  
providing an interface to an authorization database, the authorization database storing entries associating each of the plurality of possible states with the corresponding detected recipient and the delivery instructions for the detected recipient.

77. (Previously Presented) The method of claim 76, wherein the association between the plurality of possible states and the corresponding detected recipients can be altered by at least one of an administrator, or a subscriber.

78. (Previously Presented) The method of claim 76, wherein the telephone call is aborted when the state of the call pickup sequence does not meet at least a minimum authorization criterion stored in the authorization database.